

Occupations In Demand Delta



Workforce Investment Area

2005

Mississippi Department of Employment Security Labor Market Information

"Increasing Employment In Mississippi"



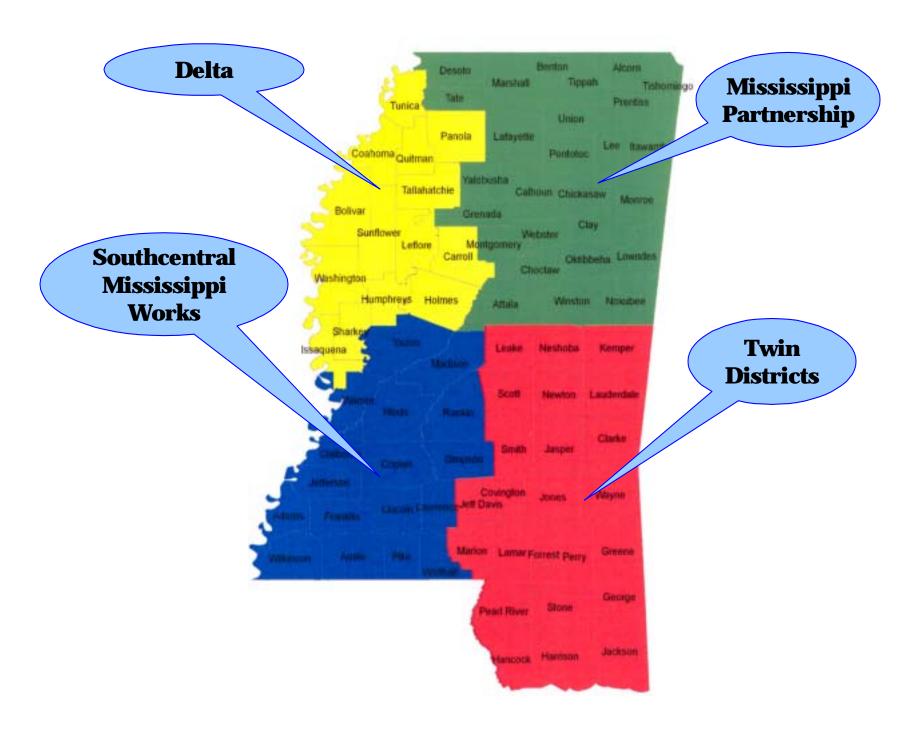




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Workforce Investment Areas



Introduction

Each year, in conjunction with the federal Bureau of Labor Statistics the Labor Market Information Department, a unit of the Mississippi Department of Employment Security, conducts an occupational wage survey of businesses across the state. The data from that survey are then input into special software which produces long term projections of occupational needs for various areas of the state. Complete results of this survey are published at our agency website (cited throughout this publication). One significant output of this process is a tabulation of annual demand for workers by specific occupation. *Occupations* in **Demand** takes a look at this annual demand, which includes both new and replacement workers, in an attempt to highlight those occupations with the highest need for workers. Various tables show selected occupations sorted by annual need, by average wages paid, and by job zone. Job zones are an indication of how much experience, education or training are needed to qualify for that particular occupation. The final table in the series highlights those jobs which LMI staff view as the "hottest" occupations across the state. These were ascertained by a combination of annual demand and wages paid, a process explained in further detail within that section. It is hoped that the data contained in this publication will be of tremendous value for job seekers, training providers, public officials and economic developers across Mississippi. Should you require further information or need assistance in interpreting the information found within, please do not hesitate to contact the LMI Department for guidance.

E-mail: LMI-Info@mdes.ms.gov

Please visit our website at http://mdes.ms.gov

Phone: 601-321-6249

Explanation of Terms

SOC Code

Standard Occupational Classification code, an occupational classification system devised by the U.S. Department of Labor with input from the states. It is the federal standard, and should be used by all state and federal agencies dealing with occupational data.

Occupational Title

The standard title assigned to a specific occupation under SOC.

Annual Demand

The projected number of workers needed on an annual basis for the years 2000 through 2010, as determined by the occupational projections data. It includes both new workers and replacements for those who die, retire, or change occupations.

Average Overall Wage

An estimate of average hourly or annual earnings for all workers within a specific occupation regardless of experience level. This should be viewed as an estimate of potential earnings rather than as an entry level wage for the inexperienced worker. Certain salaried occupations, such as teachers, are generally paid a monthly or annual salary and may not show an hourly wage estimate.

Average Starting Wage

An estimate of average hourly or annual earnings for the new or inexperienced worker within a specific occupation. These are wages which a person just starting out in an occupation could reasonably expect to earn. Certain salaried occupations may not show an hourly wage estimate.

Job Zone

These indicate the most common level of education, training, and/or experience required to perform the job and are derived from the O*Net system developed by the U.S. Department of Labor. The higher the number, the more education, training or other preparation is required.

General Trends

As shown in the accompanying table, it is estimated that roughly 5,610 new and replacement workers will be needed in the Delta region on an annual basis over the next several years. The distribution of this demand across the various occupational sectors is somewhat irregular, with a handful of sectors dominating the overall needs. Anticipated earnings across the various job groups are also quite varied and worthy of further analysis. Among the 22 occupational clusters, the largest annual demands should be found in the areas of Sales & **Related and Food Preparation & Serving.** However, in both cases the expected wages for jobs in those sectors will generally be below average. The fewest number of new and replacement workers can be expected in Arts, Design, Entertainment, Sports & Media and in Computer & Mathematical occupations. Both sectors are expected to offer slightly above average wages. Management occupations may perhaps be considered the "hottest" sector, with above average demand and mean annual earnings of \$57,433 to lead all categories. Other occupational clusters with above average demand for workers that also have above average wage potential include Education, Training & Library and Healthcare Practitioners & Technical occupations. Four other sectors with higher than average demand for workers show below average wage rates. Conversely, some of the categories with the least need for workers are listed among the highest paying sectors. From this it can be deduced that there should be ample opportunity for employment for incoming workers, provided that wages are not a main concern. Competition for those jobs which pay the best could turn out to be quite stiff.

Summary of Occupational Sectors

SOC	Occupational	Annual		arting Wage	_	verall Wage
Code	Sector	Demand	Hourly	Annual	Hourly	Annual
	Total, All Occupations	5,610	\$6.47	\$13,449	\$12.15	\$25,265
11-0000	Management Occupations	320	\$12.87	\$26,772	\$27.61	\$57,433
13-0000	Business and Financial Operations Occupations	90	\$10.97	\$22,809	\$20.01	\$41,628
15-0000	Computer and Mathematical Occupations	25	\$10.49	\$21,826	\$18.93	\$39,368
17-0000	Architecture and Engineering Occupations	35	\$13.80	\$28,704	\$23.29	\$48,453
19-0000	Life, Physical, and Social Science Occupations	35	\$10.34	\$21,501	\$19.29	\$40,133
21-0000	Community and Social Services Occupations	45	\$8.72	\$18,135	\$14.05	\$29,215
23-0000	Legal Occupations	40	\$10.81	\$22,477	\$21.36	\$44,437
25-0000	Education, Training, and Library Occupations	435	\$8.10	\$16,838	\$14.30	\$29,752
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	25	\$8.05	\$16,749	\$14.91	\$31,019
29-0000	Healthcare Practitioners and Technical Occupations	310	\$11.65	\$24,235	\$21.60	\$44,924
31-0000	Healthcare Support Occupations	135	\$5.94	\$12,363	\$7.84	\$16,310
33-0000	Protective Service Occupations	165	\$7.15	\$14,875	\$11.56	\$24,038
35-0000	Food Preparation and Serving-Related Occupations	855	\$6.00	\$12,470	\$6.94	\$14,441
37-0000	Building and Grounds Cleaning and Maintenance Occupations	180	\$6.07	\$12,627	\$7.90	\$16,438
39-0000	Personal Care and Service Occupations	225	\$6.00	\$12,484	\$9.03	\$18,779
41-0000	Sales and Related Occupations	680	\$6.03	\$12,538	\$10.62	\$22,093
43-0000	Office and Administrative Support Occupations	565	\$7.35	\$15,292	\$11.01	\$22,902
45-0000	Farming, Fishing, and Forestry Occupations	290	\$5.98	\$12,434	\$8.75	\$18,196
47-0000	Construction and Extraction Occupations	160	\$7.70	\$16,006	\$11.46	\$23,841
49-0000	Installation, Maintenance, and Repair Occupations	195	\$7.80	\$16,225	\$12.57	\$26,135
51-0000	Production Occupations	425	\$6.96	\$14,476	\$10.36	\$21,541
53-0000	Transportation and Material Moving Occupations	385	\$6.31	\$13,124	\$10.47	\$21,788

High Demand Occupations

Looking at the occupations most in demand over the next decade, it is readily apparent that the outlook is somewhat of a mixed bag. When education, training and wages are factored into the equation, one finds that the jobs which will require the most new and replacement workers generally pay below average wages and require little or no advanced preparation. There are some notable exceptions to this general tendency, such as Registered Nurses, Elementary School Teachers and General & Operations Managers. Each of these require substantial education or experience and pay well above the regional average. Among the top twenty demand occupations, the only other one which promises above average overall pay is Truck Drivers, Heavy & Tractor Trailer. Less than half of the top one hundred occupations in demand reported potential earnings above the regional average of \$25,265 per year. Analysis of the Job Zone data reveals that nearly sixty percent of the top 100 occupations will require little or no formal training (Job Zones 1 & 2). Some thirty-sevenpercent will require moderate to long term preparation (Job Zones 3 & 4). Only four of the top 100 occupations fall into the Job Zone 5 category, which involves extensive education and/or experience. A more detailed look at expectations within each job zone follows in a later section.

Top 100 Occupations - Annual Demand

	SOC	Occupational	Annual	Average St	arting Wage	Average O	verall Wage	Job
Rank	Code	Title	Demand	Hourly	Annual	Hourly	Annual	Zone
1	41-2011	Cashiers	315	\$6.00	\$12,471	\$6.94	\$14,430	1
2	41-2031	Retail Salespersons	190	\$5.98	\$12,446	\$9.05	\$18,829	2
3	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	\$5.93	\$12,329	\$6.46	\$13,427	1
4	35-3031	Waiters and Waitresses	170	\$6.00	\$12,489	\$6.14	\$12,780	1
5	29-1111	Registered Nurses	145	\$16.22	\$33,746	\$21.57	\$44,864	4
6	35-2021	Food Preparation Workers	135	\$5.98	\$12,434	\$6.42	\$13,344	1
7	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	120	\$6.05	\$12,584	\$6.41	\$13,327	1
8	25-9041	Teacher Assistants	110	n/a	\$12,465	n/a	\$15,446	3
9	35-2011	Cooks, Fast Food	110	\$5.94	\$12,350	\$6.06	\$12,611	2
10	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	105	\$5.99	\$12,459	\$8.49	\$17,658	1
11	25-2021	Elementary School Teachers, Except Special Education	85	n/a	\$25,813	n/a	\$32,640	4
12	31-1012	Nursing Aides, Orderlies, and Attendants	80	\$5.94	\$12,356	\$7.39	\$15,365	2
13	11-1021	General and Operations Managers	75	\$13.83	\$28,758	\$30.74	\$63,946	4
14	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	75	\$6.02	\$12,530	\$7.50	\$15,602	1
15	37-2012	Maids and Housekeeping Cleaners	65	\$6.11	\$12,707	\$7.02	\$14,608	1
16	49-9042	Maintenance and Repair Workers, General	60	\$7.02	\$14,612	\$10.75	\$22,365	3
17	43-5081	Stock Clerks and Order Fillers	60	\$6.31	\$13,130	\$8.72	\$18,135	2
18	39-9011	Child Care Workers	60	\$5.94	\$12,361	\$6.61	\$13,748	1
19	25-2031	Secondary School Teachers, Except Special and Vocational Education	55	n/a	\$27,116	n/a	\$34,135	4
20	53-3032	Truck Drivers, Heavy and Tractor-Trailer	55	\$10.24	\$21,305	\$15.31	\$31,837	2
21	35-2014	Cooks, Restaurant	55	\$6.01	\$12,496	\$7.23	\$15,039	3
22	39-3011	Gaming Dealers	55	\$5.99	\$12,459	\$6.81	\$14,160	2
23	29-2061	Licensed Practical and Licensed Vocational Nurses	50	\$10.52	\$21,888	\$13.63	\$28,349	3
24	41-1011	First-Line Supervisors/Managers of Retail Sales Workers	50	\$8.33	\$17,331	\$13.39	\$27,855	2
25	51-3022	Meat, Poultry, and Fish Cutters and Trimmers	50	\$5.99	\$12,467	\$7.33	\$15,248	1
26	35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	45	\$7.51	\$15,613	\$10.67	\$22,191	3
27	43-6014	Secretaries, Except Legal, Medical, and Executive	45	\$7.53	\$15,661	\$10.39	\$21,614	2
28	43-9061	Office Clerks, General	45	\$7.09	\$14,751	\$10.29	\$21,407	2
29	43-3071	Tellers	45	\$7.84	\$16,313	\$9.85	\$20,483	2
30	53-7064	Packers and Packagers, Hand	45	\$6.39	\$13,299	\$8.20	\$17,061	1
31	41-4012	Sales Reps, Wholesale & Manufacturing, Not Tech. & Scientific	40	\$12.00	\$24,958	\$20.55	\$42,739	2
32	33-3051	Police and Sheriff's Patrol Officers	40	\$8.64	\$17,974	\$12.43	\$25,864	3
33	45-2091	Agricultural Equipment Operators	40	\$6.26	\$13,026	\$9.15	\$19,026	2
34	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	40	\$6.11	\$12,699	\$6.55	\$13,614	1

Top 100 Occupations - Annual Demand

	SOC	Occupational	Annual	Average Starting Wage		Wage Average Overall Wage		Job
Rank	Code	Title	Demand	Hourly	Annual	Hourly	Annual	Zone
35	43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	35	\$10.20	\$21,207	\$16.07	\$33,434	3
36	43-3031	Bookkeeping, Accounting, and Auditing Clerks	35	\$9.03	\$18,784	\$12.15	\$25,262	3
37	33-3012	Correctional Officers and Jailers	35	\$7.41	\$15,416	\$10.52	\$21,890	2
38	51-9012	Separating, Filtering, Clarifying, Precipitating Machine Setters/Operators/Tenders	35	\$7.15	\$14,868	\$10.13	\$21,072	1
39	51-2092	Team Assemblers	35	\$7.16	\$14,891	\$9.31	\$19,357	1
40	35-2012	Cooks, Institution and Cafeteria	35	\$5.94	\$12,350	\$7.21	\$14,998	2
41	53-3022	Bus Drivers, School	35	\$5.89	\$12,243	\$7.03	\$14,617	1
42	35-9021	Dishwashers	35	\$6.04	\$12,573	\$6.40	\$13,321	1
43	53-3033	Truck Drivers, Light or Delivery Services	30	\$6.54	\$13,608	\$11.08	\$23,051	1
44	25-2011	Preschool Teachers, Except Special Education	30	\$6.09	\$12,673	\$9.22	\$19,175	4
45	43-4171	Receptionists and Information Clerks	30	\$6.47	\$13,457	\$8.97	\$18,655	2
46	11-1011	Chief Executives	25	\$24.04	\$50,003	\$48.02	\$99,882	5
47	13-2011	Accountants and Auditors	25	\$12.43	\$25,863	\$20.88	\$43,421	4
48	51-1011	First-Line Supervisors/Managers of Production and Operating Workers	25	\$11.10	\$23,097	\$16.62	\$34,563	3
49	33-2011	Fire Fighters	25	\$11.72	\$24,384	\$14.05	\$29,214	3
50	49-3023	Automotive Service Technicians and Mechanics	25	\$7.90	\$16,426	\$12.47	\$25,930	3
51	51-4121	Welders, Cutters, Solderers, and Brazers	25	\$9.02	\$18,768	\$11.72	\$24,384	2
52	43-4051	Customer Service Representatives	25	\$8.06	\$16,771	\$10.79	\$22,447	2
53	47-2031	Carpenters	25	\$7.99	\$16,627	\$10.66	\$22,173	3
54	41-2012	Gaming Change Persons and Booth Cashiers	25	\$8.70	\$18,098	\$10.55	\$21,940	2
55	43-5071	Shipping, Receiving, and Traffic Clerks	25	\$7.20	\$14,983	\$9.88	\$20,542	1
56	53-7051	Industrial Truck and Tractor Operators	25	\$7.18	\$14,934	\$9.71	\$20,200	1
57	33-9032	Security Guards	25	\$6.58	\$13,689	\$8.73	\$18,154	1
58	43-4081	Hotel, Motel, and Resort Desk Clerks	25	\$6.36	\$13,231	\$7.76	\$16,137	2
59	35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	25	\$6.02	\$12,512	\$6.82	\$14,180	1
60		Cooks, Short Order	25	\$5.95	\$12,373	\$6.22	\$12,929	1
61	23-1011	Lawyers	20	\$13.18	\$27,407	\$28.35	\$58,970	5
62	25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	20	n/a	\$24,882	n/a	\$32,663	4
63	47-2061	Construction Laborers	20	\$6.58	\$13,677	\$9.10	\$18,931	1
64	37-3011	Landscaping and Groundskeeping Workers	20	\$6.13	\$12,748	\$8.43	\$17,537	1
65	35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	20	\$6.08	\$12,641	\$8.28	\$17,229	1
66	31-1011	Home Health Aides	20	\$5.92	\$12,306	\$7.51	\$15,629	1
67	35-3041	Food Servers, Nonrestaurant	20	\$6.08	\$12,641	\$6.76	\$14,063	1

Top 100 Occupations - Annual Demand

	SOC	Occupational	Annual	Average Starting Wage		Average O	verall Wage	Job
Rank	Code	Title	Demand	Hourly	Annual	Hourly	Annual	Zone
68	11-9032	Education Administrators, Elementary and Secondary School	15	n/a	\$47,955	n/a	\$63,138	4
69	11-3011	Administrative Services Managers	15	\$11.67	\$24,267	\$21.25	\$44,207	4
70	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	15	\$14.61	\$30,379	\$20.07	\$41,753	4
71	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	15	\$12.02	\$25,005	\$17.95	\$37,333	4
72	45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	15	\$10.03	\$20,859	\$15.89	\$33,042	3
73	25-2022	Middle School Teachers, Except Special and Vocational Education	15	n/a	\$25,731	n/a	\$32,811	4
74	51-4041	Machinists	15	\$11.58	\$24,086	\$15.73	\$32,720	4
75	25-2012	Kindergarten Teachers, Except Special Education	15	n/a	\$25,563	n/a	\$31,046	4
76	11-9051	Food Service Managers	15	\$10.15	\$21,118	\$14.66	\$30,484	4
77	53-3031	Driver/Sales Workers	15	\$8.09	\$16,817	\$14.49	\$30,132	1
78	43-6011	Executive Secretaries and Administrative Assistants	15	\$9.88	\$20,559	\$14.13	\$29,400	4
79	23-2011	Paralegals and Legal Assistants	15	\$10.40	\$21,622	\$12.50	\$26,009	3
80	47-2073	Operating Engineers and Other Construction Equipment Operators	15	\$8.48	\$17,646	\$11.73	\$24,408	3
81	43-3041	Gaming Cage Workers	15	\$8.98	\$18,669	\$11.34	\$23,586	2
82	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	15	\$8.24	\$17,138	\$11.04	\$22,963	1
83	39-5012	Hairdressers, Hairstylists, and Cosmetologists	15	\$7.08	\$14,730	\$9.25	\$19,248	3
84	43-4121	Library Assistants, Clerical	15	\$6.35	\$13,200	\$8.93	\$18,566	3
85	51-9193	Cooling and Freezing Equipment Operators and Tenders	15	\$6.14	\$12,768	\$7.79	\$16,205	1
86	51-3023	Slaughterers and Meat Packers	15	\$6.37	\$13,254	\$7.45	\$15,488	2
87	35-3011	Bartenders	15	\$5.97	\$12,420	\$7.10	\$14,766	2
88	51-6011	Laundry and Dry-Cleaning Workers	15	\$6.02	\$12,528	\$6.96	\$14,473	1
89	39-9021	Personal and Home Care Aides	15	\$6.07	\$12,636	\$6.51	\$13,535	2
90	11-9111	Medical and Health Services Managers	10	\$18.75	\$39,001	\$29.88	\$62,149	5
91	29-1051	Pharmacists	10	\$18.60	\$38,685	\$29.25	\$60,842	4
92	41-3021	Insurance Sales Agents	10	\$12.07	\$25,107	\$22.60	\$47,003	3
93	41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	10	\$10.47	\$21,783	\$22.45	\$46,694	3
94	11-3031	Financial Managers	10	\$13.50	\$28,087	\$22.16	\$46,086	5
95	13-2072	Loan Officers	10	\$16.16	\$33,617	\$21.68	\$45,087	3
96	11-9021	Construction Managers	10	\$11.58	\$24,095	\$20.58	\$42,796	4
97	39-1011	Gaming Supervisors	10	\$13.90	\$28,903	\$19.76	\$41,094	2
98	43-5052	Postal Service Mail Carriers	10	\$14.08	\$29,283	\$18.96	\$39,432	1
99	21-1012	Educational, Vocational, and School Counselors	10	\$14.33	\$29,816	\$18.82	\$39,151	4
100	29-1126	Respiratory Therapists	10	\$13.88	\$28,881	\$17.16	\$35,686	3

Top 100 Occupations - Average Overall Wage

	SOC	Occupational	Annual	Annual Average Overall Wage		Job
Rank	Code	Title	Demand	Hourly	Annual	Zone
1	13-1022	Wholesale and Retail Buyers, Except Farm Products	5	\$64.56	\$134,278	3
2		Family and General Practitioners	5	\$59.15	\$123,025	5
3	11-1011	Chief Executives	25	\$48.02	\$99,882	5
4	11-9121	Natural Sciences Managers	0	\$36.07	\$75,024	5
5	11-9033	Education Administrators, Postsecondary	5	\$35.10	\$73,000	5
6	25-1071	Health Specialties Teachers, Postsecondary	0	n/a	\$72,200	5
7	11-9041	Engineering Managers	5	\$33.94	\$70,587	5
8	13-2031	Budget Analysts	0	\$33.19	\$69,025	4
9	29-1122	Occupational Therapists	5	\$32.43	\$67,457	4
10	17-2071	Electrical Engineers	0	\$31.91	\$66,369	5
11	13-2041	Credit Analysts	0	\$31.62	\$65,769	4
12	15-1031	Computer Software Engineers, Applications	5	\$30.85	\$64,178	4
13	29-1123	Physical Therapists	5	\$30.76	\$63,978	5
14	11-1021	General and Operations Managers	75	\$30.74	\$63,946	4
15	19-1023	Zoologists and Wildlife Biologists	0	\$30.37	\$63,167	5
16	11-9032	Education Administrators, Elementary and Secondary School	15	n/a	\$63,138	4
17	11-3051	Industrial Production Managers	5	\$30.22	\$62,867	4
18	11-9111	Medical and Health Services Managers	10	\$29.88	\$62,149	5
19	13-1031	Claims Adjusters, Examiners, and Investigators	0	\$29.40	\$61,159	3
20	11-9071	Gaming Managers	0	\$29.37	\$61,095	3
21	29-1051	Pharmacists	10	\$29.25	\$60,842	4
22	53-5021	Captains, Mates, and Pilots of Water Vessels	5	\$29.18	\$60,695	4
23	23-1011	Lawyers	20	\$28.35	\$58,970	5
24	17-2051	Civil Engineers	5	\$28.15	\$58,551	4
25	11-2021	Marketing Managers	0	\$28.13	\$58,520	4
26	11-3021	Computer and Information Systems Managers	5	\$28.11	\$58,476	5
27		Mechanical Engineers	0	\$27.83	\$57,890	4
28	19-1010	Agricultural and Food Scientists	0	\$27.81	\$57,849	4
29	25-1011	Business Teachers, Postsecondary	5	n/a	\$56,436	4
30	11-2022	Sales Managers	5	\$25.84	\$53,750	4
31	25-1054	Physics Teachers, Postsecondary	0	n/a	\$52,777	5
32	25-1052	Chemistry Teachers, Postsecondary	0	n/a	\$52,673	5
33	11-3040	Human Resources Managers	5	\$25.17	\$52,344	4
34	19-1031	Conservation Scientists	5	\$24.92	\$51,836	4

Top 100 Occupations - Average Overall Wage

Rank	SOC Code	Occupational Title	Annual Demand	Average O Hourly	verall Wage Annual	Job Zone
35		Advertising and Promotions Managers	0	\$24.83	\$51,647	4
36		Transportation, Storage, and Distribution Managers	5	\$24.76	\$51,493	4
37		Biological Science Teachers, Postsecondary	0	n/a	\$51,240	5
38		Industrial Engineers	5	\$24.60	\$51,171	4
39		Education Teachers, Postsecondary	5	n/a	\$51,146	5
40		Computer Science Teachers, Postsecondary	0	n/a	\$51,087	5
41		Coaches and Scouts	5	n/a	\$49,623	5
42		History Teachers, Postsecondary	0	n/a	\$49,473	5
43		First-Line Supervisors/Managers of Police and Detectives	5	\$23.60	\$49,092	4
44		Network and Computer Systems Administrators	5	\$23.58	\$49,042	4
45		Psychology Teachers, Postsecondary	0	n/a	\$48,993	5
46		Speech-Language Pathologists	5	\$23.50	\$48,876	5
47		Computer Systems Analysts	5	\$23.44	\$48,749	3
48		Postmasters and Mail Superintendents	0	\$23.39	\$48,660	4
49		Securities, Commodities, and Financial Services Sales Agents	0	\$23.07	\$47,976	4
50		Insurance Sales Agents	10	\$22.60	\$47,003	3
51		Pesticide Handlers, Sprayers, and Applicators, Vegetation	0	\$22.58	\$46,972	2
52		Public Relations Managers	0	\$22.52	\$46,835	4
53		First-Line Supervisors/Managers of Non-Retail Sales Workers	10	\$22.45	\$46,694	3
54		Purchasing Managers	5	\$22.40	\$46,585	4
55		Electrical and Electronic Engineering Technicians	5	\$22.26	\$46,303	3
56		Clinical, Counseling, and School Psychologists	0	\$22.22	\$46,220	4
57		Financial Managers	10	\$22.16	\$46,086	5
58		English Language and Literature Teachers, Postsecondary	5	n/a	\$46,071	5
59		Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	5	\$21.94	\$45,632	3
60		Loan Officers	10	\$21.68	\$45,087	3
61		Registered Nurses	145	\$21.57	\$44,864	4
62	15-1061	Database Administrators	0	\$21.34	\$44,382	4
63		Administrative Services Managers	15	\$21.25	\$44,207	4
64		Computer Programmers	5	\$21.07	\$43,829	4
65		Accountants and Auditors	25	\$20.88	\$43,421	4
66	25-1193	Recreation and Fitness Studies Teachers, Postsecondary	0	n/a	\$43,366	4
67	25-1121	Art, Drama, and Music Teachers, Postsecondary	5	n/a	\$43,208	5

Top 100 Occupations - Average Overall Wage

	SOC	Occupational	Annual	Average Overall Wage		Job
Rank	Code	Title	Demand	Hourly	Annual	Zone
68	25-9031	Instructional Coordinators	5	\$20.74	\$43,133	5
69	11-9021	Construction Managers	10	\$20.58	\$42,796	4
70	41-4012	Sales Reps, Wholesale & Manufacturing, Not Tech. & Scientific	40	\$20.55	\$42,739	2
71	25-1122	Communications Teachers, Postsecondary	0	n/a	\$42,716	4
72	19-4031	Chemical Technicians	5	\$20.38	\$42,380	3
73	25-1022	Mathematical Science Teachers, Postsecondary	5	n/a	\$41,837	5
74	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	15	\$20.07	\$41,753	4
75	49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	5	\$19.92	\$41,440	3
76	29-2011	Medical and Clinical Laboratory Technologists	5	\$19.89	\$41,363	4
77	43-5051	Postal Service Clerks	0	\$19.80	\$41,187	2
78	39-1011	Gaming Supervisors	10	\$19.76	\$41,094	2
79	33-1011	First-Line Supervisors/Managers of Correctional Officers	5	\$19.42	\$40,401	3
80	17-1022	Surveyors	0	\$18.97	\$39,460	3
81	43-5052	Postal Service Mail Carriers	10	\$18.96	\$39,432	1
82	49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	5	\$18.93	\$39,384	3
83	21-1012	Educational, Vocational, and School Counselors	10	\$18.82	\$39,151	4
84	13-1051	Cost Estimators	5	\$18.60	\$38,680	4
85	21-1091	Health Educators	0	\$18.19	\$37,827	5
86	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	15	\$17.95	\$37,333	4
87	11-9081	Lodging Managers	0	\$17.92	\$37,282	3
88	51-8021	Stationary Engineers and Boiler Operators	0	\$17.56	\$36,515	3
89	19-2031	Chemists	0	\$17.54	\$36,474	4
90	25-2023	Vocational Education Teachers, Middle School	0	n/a	\$36,263	4
91	29-1031	Dietitians and Nutritionists	0	\$17.36	\$36,116	5
92	19-4093	Forest and Conservation Technicians	5	\$17.31	\$36,006	3
93	49-9051	Electrical Power-Line Installers and Repairers	5	\$17.23	\$35,836	4
94	29-1126	Respiratory Therapists	10	\$17.16	\$35,686	3
95	13-1073	Training and Development Specialists	10	\$17.16	\$35,686	4
96	47-4011	Construction and Building Inspectors	0	\$17.09	\$35,556	3
97	13-1072	Compensation, Benefits, and Job Analysis Specialists	0	\$17.05	\$35,466	4
98	17-3013	Mechanical Drafters	0	\$16.85	\$35,050	3
99	29-2032	Diagnostic Medical Sonographers	0	\$16.74	\$34,821	3
100	13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	5	\$16.73	\$34,802	3
		NOTE: Figures in DED and all accessors				

Top 100 Occupations - Average Starting Wage*

	SOC	Occupational	Annual	Average Starting Wage		Job
Rank	Code	Title	Demand	Hourly	Annual	Zone
1	29-1062 Family	and General Practitioners	5	\$29.33	\$61,006	5
2	•	sale and Retail Buyers, Except Farm Products	5	\$25.05	\$52,096	3
3	11-9041 Engine	·	5	\$24.34	\$50,623	5
4	_	tion Administrators, Postsecondary	5	\$24.22	\$50,387	5
5	11-1011 Chief E	·	25	\$24.04	\$50,003	5
6	11-9121 Natura	al Sciences Managers	0	\$23.45	\$48,774	5
7		tion Administrators, Elementary and Secondary School	15	n/a	\$47,955	4
8		Specialties Teachers, Postsecondary	0	n/a	\$46,202	5
9	29-1123 Physica	·	5	\$22.16	\$46,098	5
10	19-1023 Zoolog	gists and Wildlife Biologists	0	\$21.49	\$44,692	5
11	17-2141 Mecha	anical Engineers	0	\$21.36	\$44,424	4
12	29-1122 Occupa	ational Therapists	5	\$20.45	\$42,527	4
13	25-1052 Chemis	stry Teachers, Postsecondary	0	n/a	\$41,499	5
14	53-5021 Captair	ns, Mates, and Pilots of Water Vessels	5	\$19.93	\$41,455	4
15	25-1125 History	y Teachers, Postsecondary	0	n/a	\$41,125	5
16	15-1031 Compu	uter Software Engineers, Applications	5	\$19.65	\$40,871	4
17	13-2031 Budget	t Analysts	0	\$19.56	\$40,681	4
18	25-1042 Biologi	ical Science Teachers, Postsecondary	0	n/a	\$40,513	5
19	25-1054 Physics	s Teachers, Postsecondary	0	n/a	\$40,364	5
20	17-2112 Industr	rial Engineers	5	\$19.30	\$40,144	4
21	13-2041 Credit	Analysts	0	\$19.21	\$39,955	4
22	17-2071 Electric	cal Engineers	0	\$18.89	\$39,291	5
23	11-9111 Medica	al and Health Services Managers	10	\$18.75	\$39,001	5
24	25-1081 Educat	tion Teachers, Postsecondary	5	n/a	\$38,854	5
25	29-1051 Pharm	acists	10	\$18.60	\$38,685	4
26	25-1011 Busine	ess Teachers, Postsecondary	5	n/a	\$38,508	4
27	11-9071 Gamin	ng Managers	0	\$18.49	\$38,468	3
28	25-1066 Psycho	ology Teachers, Postsecondary	0	n/a	\$38,174	5
29	25-9031 Instruc	ctional Coordinators	5	\$18.18	\$37,816	5
30	11-3051 Industr	rial Production Managers	5	\$18.13	\$37,705	4
31	43-5051 Postal	Service Clerks	0	\$17.95	\$37,333	2
32		asters and Mail Superintendents	0	\$17.79	\$36,999	4
33		s Adjusters, Examiners, and Investigators	0	\$17.50	\$36,390	3
34	19-3031 Clinica	II, Counseling, and School Psychologists	0	\$17.15	\$35,676	4

Top 100 Occupations - Average Starting Wage*

	SOC	Occupational	Annual Average Starting Wag		arting Wage	Job
Rank	Code	Title	Demand	Hourly	Annual	Zone
35	11-3021 Con	mputer and Information Systems Managers	5	\$17.14	\$35,654	5
36		mmunications Teachers, Postsecondary	0	n/a	\$35,363	4
37		ctrical and Electronic Engineering Technicians	5	\$16.99	\$35,348	3
38	11-2022 Sale		5	\$16.97	\$35,299	4
39	19-1031 Cor	nservation Scientists	5	\$16.80	\$34,941	4
40	11-3040 Hun	man Resources Managers	5	\$16.61	\$34,546	4
41	17-2051 Civi	il Engineers	5	\$16.56	\$34,446	4
42	29-1111 Reg	gistered Nurses	145	\$16.22	\$33,746	4
43	13-2072 Loa	an Officers	10	\$16.16	\$33,617	3
44	25-1123 Eng	glish Language and Literature Teachers, Postsecondary	5	n/a	\$33,263	5
45	41-3031 Sec	curities, Commodities, and Financial Services Sales Agents	0	\$15.88	\$33,031	4
46	33-1011 Firs	st-Line Supervisors/Managers of Correctional Officers	5	\$15.37	\$31,978	3
47	29-1127 Spe	eech-Language Pathologists	5	\$15.37	\$31,966	5
48	11-3061 Pur	rchasing Managers	5	\$15.36	\$31,954	4
49	11-2031 Pub	olic Relations Managers	0	\$15.14	\$31,501	4
50	19-4031 Che	emical Technicians	5	\$15.12	\$31,459	3
51	47-2021 Brid	ckmasons and Blockmasons	5	\$15.08	\$31,376	2
52	47-2221 Stru	uctural Iron and Steel Workers	0	\$15.08	\$31,368	3
53	33-1012 Firs	st-Line Supervisors/Managers of Police and Detectives	5	\$14.99	\$31,185	4
54	15-1051 Con	mputer Systems Analysts	5	\$14.96	\$31,127	3
55	25-1121 Art,	, Drama, and Music Teachers, Postsecondary	5	n/a	\$31,125	5
56	15-1071 Net	twork and Computer Systems Administrators	5	\$14.94	\$31,073	4
57	11-2011 Adv	vertising and Promotions Managers	0	\$14.72	\$30,608	4
58	11-2021 Mar	rketing Managers	0	\$14.69	\$30,561	4
59	11-3071 Trai	insportation, Storage, and Distribution Managers	5	\$14.62	\$30,409	4
60		dical and Clinical Laboratory Technologists	5	\$14.62	\$30,402	4
61		st-Line Supervisors/Managers of Construction Trades and Extraction Workers	15	\$14.61	\$30,379	4
62		ntrol and Valve Installers and Repairers, Except Mechanical Door	0	\$14.48	\$30,126	3
63		ucational, Vocational, and School Counselors	10	\$14.33	\$29,816	4
64		mputer Science Teachers, Postsecondary	0	n/a	\$29,759	5
65		cational Education Teachers, Middle School	0	n/a	\$29,452	4
66		thematical Science Teachers, Postsecondary	5	n/a	\$29,423	5
67	43-5052 Pos	stal Service Mail Carriers	10	\$14.08	\$29,283	1

Top 100 Occupations - Average Starting Wage*

	SOC	Occupational	Annual Average Starting Wage		arting Wage	Job
Rank	Code	Title	Demand	Hourly	Annual	Zone
68	39-1011	Gaming Supervisors	10	\$13.90	\$28,903	2
69		Computer Programmers	5	\$13.89	\$28,884	4
70		Respiratory Therapists	10	\$13.88	\$28,881	3
71		General and Operations Managers	75	\$13.83	\$28,758	4
72		Electrical and Electronics Repairers, Commercial and Industrial Equipment	5	\$13.73	\$28,559	3
73	11-3031	Financial Managers	10	\$13.50	\$28,087	5
74	29-1031	Dietitians and Nutritionists	0	\$13.45	\$27,979	5
75	19-1010	Agricultural and Food Scientists	0	\$13.43	\$27,943	4
76	17-1022	Surveyors	0	\$13.40	\$27,881	3
77	33-3021	Detectives and Criminal Investigators	5	\$13.36	\$27,788	4
78	21-1091	Health Educators	0	\$13.23	\$27,521	5
79	23-1011	Lawyers	20	\$13.18	\$27,407	5
80	25-2031	Secondary School Teachers, Except Special and Vocational Education	55	n/a	\$27,116	4
81	51-8021	Stationary Engineers and Boiler Operators	0	\$12.93	\$26,893	3
82	27-2022	Coaches and Scouts	5	n/a	\$26,239	5
83	49-9044	Millwrights	0	\$12.61	\$26,223	3
84	19-4093	Forest and Conservation Technicians	5	\$12.57	\$26,146	3
85	25-2042	Special Education Teachers, Middle School	5	n/a	\$26,122	4
86	49-9041	Industrial Machinery Mechanics	5	\$12.52	\$26,035	3
87	51-4111	Tool and Die Makers	0	\$12.50	\$26,009	4
88	13-1051	Cost Estimators	5	\$12.49	\$25,977	4
89	25-2032	Vocational Education Teachers, Secondary School	10	n/a	\$25,896	4
90		Accountants and Auditors	25	\$12.43	\$25,863	4
91		Computer, Automated Teller, and Office Machine Repairers	0	\$12.43	\$25,857	3
92		Elementary School Teachers, Except Special Education	85	n/a	\$25,813	4
93		Middle School Teachers, Except Special and Vocational Education	15	n/a	\$25,731	4
94		Construction and Building Inspectors	0	\$12.30	\$25,579	3
95		Kindergarten Teachers, Except Special Education	15	n/a	\$25,563	4
96		Heating, Air Conditioning, and Refrigeration Mechanics and Installers	5	\$12.24	\$25,449	3
97		Legal Secretaries	5	\$12.21	\$25,393	3
98		Lodging Managers	0	\$12.20	\$25,381	3
99		Crane and Tower Operators	0	\$12.15	\$25,268	2
100	15-1061	Database Administrators	0	\$12.11	\$25,183	4

^{*} Occupations for which starting wages were unavailable are excluded from this list

About Job Zones

Job Zones are utilized by the Occupational Information Network (O*Net) system to ascertain the level of training and/or preparation required for each occupational title. A brief description of requirements for each of the five Job Zones follows:

Job Zone One: Little or No Preparation Needed

No previous work-related skill, knowledge, or experience is needed for these occupations. Employees in these occupations need anywhere from a few days to a few months of training. These occupations involve following instructions and helping others. These occupations may require a high school diploma, GED or a formal training course to obtain a license.

Job Zone Two: Some Preparation Needed

Some previous work-related skill, knowledge, or experience may be helpful in these occupations, but usually is not needed. Employees in these occupations need anywhere from a few months to one year of working with experienced employees. These occupations often involve using your knowledge and skills to help others. These occupations often require a high school diploma and may require some vocational training or job-related courses.

Job Zone Three: Medium Preparation Needed

Previous work-related skill, knowledge, or experience is required for these occupations. Employees in these occupations usually need one or two years of informal training delivered by experienced workers. These occupations often involve using communication and organizational skills to coordinate, supervise, manage, or train others. Most occupations in this zone require training in vocational schools, related on-the-job experience, or an associate's degree.

Job Zone Four: Considerable Preparation Needed

A minimum of two to four years of work-related skill, knowledge, or experience is needed for these occupations. Employees in these occupations usually need several years of experience, on-the-job training, and/or formal training. Most of these occupations involve coordinating, supervising, managing, or training others. Many of these occupations require a bachelor's degree, but some do not.

Job Zone Five: Extensive Preparation Needed

Extensive skill, knowledge, and experience are needed for these occupations. Many require more than five years of experience. Most employees in these occupations will already have the required skills, knowledge, work-related experience, and/or training. These occupations often involve coordinating, training, supervising, or managing the activities of others to accomplish goals. A bachelor's degree is the usual minimum formal education required for these occupations, but a signficant number of them require post graduate studies and/or advanced degrees.

Top 20 Occupations - Annual Demand Job Zone One

	SOC	Occupational	Annual		tarting Wage	Average Overall Wage	
Rank	Code	Title	Demand	Hourly	Annual	Hourly	Annual
1	41-2011	Cashiers	315	\$6.00	\$12,471	\$6.94	\$14,430
2	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	180	\$5.93	\$12,329	\$6.46	\$13,427
3	35-3031	Waiters and Waitresses	170	\$6.00	\$12,489	\$6.14	\$12,780
4	35-2021	Food Preparation Workers	135	\$5.98	\$12,434	\$6.42	\$13,344
5	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	120	\$6.05	\$12,584	\$6.41	\$13,327
6	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	105	\$5.99	\$12,459	\$8.49	\$17,658
7	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	75	\$6.02	\$12,530	\$7.50	\$15,602
8	37-2012 I	Maids and Housekeeping Cleaners	65	\$6.11	\$12,707	\$7.02	\$14,608
9	39-9011	Child Care Workers	60	\$5.94	\$12,361	\$6.61	\$13,748
10	51-3022 I	Meat, Poultry, and Fish Cutters and Trimmers	50	\$5.99	\$12,467	\$7.33	\$15,248
11	53-7064	Packers and Packagers, Hand	45	\$6.39	\$13,299	\$8.20	\$17,061
12	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	40	\$6.11	\$12,699	\$6.55	\$13,614
13	51-9012	Separating, Filtering, Clarifying, Precipitating I Machine Setters/Operators/Tenders	35	\$7.15	\$14,868	\$10.13	\$21,072
14	51-2092	Team Assemblers	35	\$7.16	\$14,891	\$9.31	\$19,357
15	53-3022 I	Bus Drivers, School	35	\$5.89	\$12,243	\$7.03	\$14,617
16	35-9021 l	Dishwashers	35	\$6.04	\$12,573	\$6.40	\$13,321
17	53-3033	Truck Drivers, Light or Delivery Services	30	\$6.54	\$13,608	\$11.08	\$23,051
18	43-5071	Shipping, Receiving, and Traffic Clerks	25	\$7.20	\$14,983	\$9.88	\$20,542
19	53-7051	Industrial Truck and Tractor Operators	25	\$7.18	\$14,934	\$9.71	\$20,200
20	33-9032	Security Guards	25	\$6.58	\$13,689	\$8.73	\$18,154

Top 20 Occupations - Annual Demand Job Zone Two

	SOC	Occupational	Annual	Average Starting Wage		Average Overall Wage	
Rank	Code	Title	Demand	Hourly	Annual	Hourly	Annual
1	41-2031	Retail Salespersons	190	\$5.98	\$12,446	\$9.05	\$18,829
2	35-2011	Cooks, Fast Food	110	\$5.94	\$12,350	\$6.06	\$12,611
3	31-1012	Nursing Aides, Orderlies, and Attendants	80	\$5.94	\$12,356	\$7.39	\$15,365
4	43-5081	Stock Clerks and Order Fillers	60	\$6.31	\$13,130	\$8.72	\$18,135
5	53-3032	Truck Drivers, Heavy and Tractor-Trailer	55	\$10.24	\$21,305	\$15.31	\$31,837
6	39-3011	Gaming Dealers	55	\$5.99	\$12,459	\$6.81	\$14,160
7	41-1011	First-Line Supervisors/Managers of Retail Sales Workers	50	\$8.33	\$17,331	\$13.39	\$27,855
8	43-6014	Secretaries, Except Legal, Medical, and Executive	45	\$7.53	\$15,661	\$10.39	\$21,614
9	43-9061	Office Clerks, General	45	\$7.09	\$14,751	\$10.29	\$21,407
10	43-3071	Tellers	45	\$7.84	\$16,313	\$9.85	\$20,483
11	41-4012	Sales Reps, Wholesale & Manufacturing, Not Tech. & Scientific	40	\$12.00	\$24,958	\$20.55	\$42,739
12	45-2091	Agricultural Equipment Operators	40	\$6.26	\$13,026	\$9.15	\$19,026
13	33-3012	Correctional Officers and Jailers	35	\$7.41	\$15,416	\$10.52	\$21,890
14	35-2012	Cooks, Institution and Cafeteria	35	\$5.94	\$12,350	\$7.21	\$14,998
15	43-4171	Receptionists and Information Clerks	30	\$6.47	\$13,457	\$8.97	\$18,655
16	51-4121	Welders, Cutters, Solderers, and Brazers	25	\$9.02	\$18,768	\$11.72	\$24,384
17	43-4051	Customer Service Representatives	25	\$8.06	\$16,771	\$10.79	\$22,447
18	41-2012	Gaming Change Persons and Booth Cashiers	25	\$8.70	\$18,098	\$10.55	\$21,940
19	43-4081	Hotel, Motel, and Resort Desk Clerks	25	\$6.36	\$13,231	\$7.76	\$16,137
20	43-3041	Gaming Cage Workers	15	\$8.98	\$18,669	\$11.34	\$23,586

Top 20 Occupations - Annual Demand Job Zone Three

	SOC	· · · · · · · · · · · · · · · · · · ·	Annual	Average St	arting Wage	Average Overall Wage	
Rank	Code	Title Title	Demand	Hourly	Annual	Hourly	Annual
1	25-9041 Te	eacher Assistants	110	n/a	\$12,465	n/a	\$15,446
2	49-9042 Ma	aintenance and Repair Workers, General	60	\$7.02	\$14,612	\$10.75	\$22,365
3	35-2014 Co	ooks, Restaurant	55	\$6.01	\$12,496	\$7.23	\$15,039
4	29-2061 Lic	censed Practical and Licensed Vocational Nurses	50	\$10.52	\$21,888	\$13.63	\$28,349
5	35-1012 Fir	rst-Line Supervisors/Managers of Food Preparation & Serving Workers	45	\$7.51	\$15,613	\$10.67	\$22,191
6	33-3051 Po	olice and Sheriff's Patrol Officers	40	\$8.64	\$17,974	\$12.43	\$25,864
7	43-1011 Fir	rst-Line Supervisors/Managers of Office & Administrative Support Workers	35	\$10.20	\$21,207	\$16.07	\$33,434
8	43-3031 Bo	ookkeeping, Accounting, and Auditing Clerks	35	\$9.03	\$18,784	\$12.15	\$25,262
9	51-1011 Fir	rst-Line Supervisors/Managers of Production and Operating Workers	25	\$11.10	\$23,097	\$16.62	\$34,563
10	33-2011 Fir	re Fighters	25	\$11.72	\$24,384	\$14.05	\$29,214
11	49-3023 Au	utomotive Service Technicians and Mechanics	25	\$7.90	\$16,426	\$12.47	\$25,930
12	47-2031 Ca	arpenters	25	\$7.99	\$16,627	\$10.66	\$22,173
13	45-1011 Fir	rst-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	15	\$10.03	\$20,859	\$15.89	\$33,042
14	23-2011 Pa	aralegals and Legal Assistants	15	\$10.40	\$21,622	\$12.50	\$26,009
15	47-2073 Op	perating Engineers and Other Construction Equipment Operators	15	\$8.48	\$17,646	\$11.73	\$24,408
16	39-5012 Ha	airdressers, Hairstylists, and Cosmetologists	15	\$7.08	\$14,730	\$9.25	\$19,248
17	43-4121 Lib	orary Assistants, Clerical	15	\$6.35	\$13,200	\$8.93	\$18,566
18	41-3021 Ins	surance Sales Agents	10	\$12.07	\$25,107	\$22.60	\$47,003
19	41-1012 Fir	rst-Line Supervisors/Managers of Non-Retail Sales Workers	10	\$10.47	\$21,783	\$22.45	\$46,694
20	13-2072 Lo	oan Officers	10	\$16.16	\$33,617	\$21.68	\$45,087

Top 20 Occupations - Annual Demand Job Zone Four

	SOC		Annual	Average St	arting Wage	Average Overall Wage	
Rank	Code	Title Title	Demand	Hourly	Annual	Hourly	Annual
1	29-1111	Registered Nurses	145	\$16.22	\$33,746	\$21.57	\$44,864
2	25-2021	Elementary School Teachers, Except Special Education	85	n/a	\$25,813	n/a	\$32,640
3	11-1021	General and Operations Managers	75	\$13.83	\$28,758	\$30.74	\$63,946
4	25-2031	Secondary School Teachers, Except Special and Vocational Education	55	n/a	\$27,116	n/a	\$34,135
5	25-2011	Preschool Teachers, Except Special Education	30	\$6.09	\$12,673	\$9.22	\$19,175
6	13-2011	Accountants and Auditors	25	\$12.43	\$25,863	\$20.88	\$43,421
7	25-2041	Special Education Teachers, Preschool, Kindergarten, & Elementary School	20	n/a	\$24,882	n/a	\$32,663
8	11-9032	Education Administrators, Elementary and Secondary School	15	n/a	\$47,955	n/a	\$63,138
9	11-3011	Administrative Services Managers	15	\$11.67	\$24,267	\$21.25	\$44,207
10	47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	15	\$14.61	\$30,379	\$20.07	\$41,753
11	49-1011	First-Line Supervisors/Managers of Mechanics, Installers & Repairers	15	\$12.02	\$25,005	\$17.95	\$37,333
12	25-2022	Middle School Teachers, Except Special and Vocational Education	15	n/a	\$25,731	n/a	\$32,811
13	51-4041	Machinists	15	\$11.58	\$24,086	\$15.73	\$32,720
14	25-2012	Kindergarten Teachers, Except Special Education	15	n/a	\$25,563	n/a	\$31,046
15	11-9051	Food Service Managers	15	\$10.15	\$21,118	\$14.66	\$30,484
16	43-6011	Executive Secretaries and Administrative Assistants	15	\$9.88	\$20,559	\$14.13	\$29,400
17	29-1051	Pharmacists	10	\$18.60	\$38,685	\$29.25	\$60,842
18	11-9021	Construction Managers	10	\$11.58	\$24,095	\$20.58	\$42,796
19	21-1012	Educational, Vocational, and School Counselors	10	\$14.33	\$29,816	\$18.82	\$39,151
20	13-1073	Training and Development Specialists	10	\$11.44	\$23,792	\$17.16	\$35,686

Top 20 Occupations - Annual Demand Job Zone Five

	SOC	<u> </u>	Annual	Average S	tarting Wage	Average Overall Wage	
Rank	Code		Demand	Hourly	Annual	Hourly	Annual
1	11-1011	Chief Executives	25	\$24.04	\$50,003	\$48.02	\$99,882
2	23-1011	Lawyers	20	\$13.18	\$27,407	\$28.35	\$58,970
3	11-9111	Medical and Health Services Managers	10	\$18.75	\$39,001	\$29.88	\$62,149
4	11-3031	Financial Managers	10	\$13.50	\$28,087	\$22.16	\$46,086
5	25-4021	Librarians	10	\$10.94	\$22,764	\$16.53	\$34,386
6	21-1021	Child, Family, and School Social Workers	10	\$9.89	\$20,561	\$12.88	\$26,787
7	29-1062	Family and General Practitioners	5	\$29.33	\$61,006	\$59.15	\$123,025
8	11-9033	Education Administrators, Postsecondary	5	\$24.22	\$50,387	\$35.10	\$73,000
9	11-9041	Engineering Managers	5	\$24.34	\$50,623	\$33.94	\$70,587
10	29-1123	Physical Therapists	5	\$22.16	\$46,098	\$30.76	\$63,978
11	11-3021	Computer and Information Systems Managers	5	\$17.14	\$35,654	\$28.11	\$58,476
12	25-1081	Education Teachers, Postsecondary	5	n/a	\$38,854	n/a	\$51,146
13	27-2022	Coaches and Scouts	5	n/a	\$26,239	n/a	\$49,623
14	29-1127	Speech-Language Pathologists	5	\$15.37	\$31,966	\$23.50	\$48,876
15	25-1123	English Language and Literature Teachers, Postsecondary	5	n/a	\$33,263	n/a	\$46,071
16	25-1121	Art, Drama, and Music Teachers, Postsecondary	5	n/a	\$31,125	n/a	\$43,208
17	25-9031	Instructional Coordinators	5	\$18.18	\$37,816	\$20.74	\$43,133
18	25-1022	Mathematical Science Teachers, Postsecondary	5	n/a	\$29,423	n/a	\$41,837
19	21-1022	Medical and Public Health Social Workers	5	\$8.65	\$17,992	\$13.14	\$27,322
20	11-9121	Natural Sciences Managers	5	\$23.45	\$48,774	\$36.07	\$75,024

Determining the "Hottest" Occupations

A variety of methods could have been used to ascertain which occupations might prove to be the most attractive to students and other job seekers. For purposes of this publication, a fairly simple method of indexing desirability was utilized. Assuming that any person seeking work in a particular occupation would want to ensure that there was at least moderate demand for workers in that field and that it should pay a reasonable wage, LMI staff devised a method of indexing these factors. It was determined that the average annual demand for workers among all occupational titles across the Delta region was roughly 10 persons per year. The average annual salary for all surveyed occupations was found to be approximately \$25,265. For starting wages the mean was determined to be about \$13,449. As a first step, any occupation with below average demand or not paying average or above wages was eliminated. To arrive at the "Hot Factor" used for ranking the remaining occupations, the annual demand for that occupation was divided by the overall average of 10. Then the annual overall wage for each occupation was divided by the average of \$25,265 and the starting wage was divided by \$13,449. The three "indexes" derived from these calculations were then added together to obtain the "Hot Factor". For example, if a certain occupation had an annual demand of 50 persons, the first "index" would be 50 divided by 10, or 5.00. If that same occupation had an annual salary of \$37,500, the second "index" would be \$37,500 divided by \$25,265 or 1.37. If the starting wage was \$20,500, then dividing \$20,500 by \$13,449 would yield 1.52. Adding the three" indexes" together would produce a "Hot Factor" of 7.89 which would have placed it among this year's hottest occupations. Generally speaking, any occupation with above average demand and above average wages would be a candidate for inclusion in the list. Higher wages might offset lower demand or vice versa, but the end result should still yield a reasonable approximation of the most desirable occupations.

The 50 "Hottest" Jobs

	SOC Code	Occupational Title	Annual Demand	Average Starting Wage	Average Annual Wage	"Hot" Factor
1	29-1111	Registered Nurses	145	\$33,746	\$44,864	18.78
2	11-1021	General and Operations Managers	75	\$28,758	\$63,946	12.17
3	25-2021	Elementary School Teachers, Except Special Education	85	\$25,813	\$32,640	11.71
4	11-1011	Chief Executives	25	\$50,003	\$99,882	10.17
5	25-2031	Secondary School Teachers, Except Special and Vocational Education	55	\$27,116	\$34,135	8.87
6	53-3032	Truck Drivers, Heavy and Tractor-Trailer	55	\$21,305	\$31,837	8.34
7	29-2061	Licensed Practical and Licensed Vocational Nurses	50	\$21,888	\$28,349	7.75
8	11-9032	Education Administrators, Elementary and Secondary School	15	\$47,955	\$63,138	7.56
9	41-4012	Sales Reps, Wholesale & Manufacturing, Not Tech. & Scientific	40	\$24,958	\$42,739	7.55
10	41-1011	First-Line Supervisors/Managers of Retail Sales Workers	50	\$17,331	\$27,855	7.39
11	43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	35	\$21,207	\$33,434	6.40
12	23-1011	Lawyers	20	\$27,407	\$58,970	6.37
13	33-3051	Police and Sheriff's Patrol Officers	40	\$17,974	\$25,864	6.36
14	11-9111	Medical and Health Services Managers	10	\$39,001	\$62,149	6.36
15	29-1051	Pharmacists	10	\$38,685	\$60,842	6.28
16	13-2011	Accountants and Auditors	25	\$25,863	\$43,421	6.14
17	43-3031	Bookkeeping, Accounting, and Auditing Clerks	35	\$18,784	\$25,262	5.90
18	51-1011	First-Line Supervisors/Managers of Production and Operating Workers	25	\$23,097	\$34,563	5.59
19	33-2011	Fire Fighters	25	\$24,384	\$29,214	5.47
20	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	15	\$30,379	\$41,753	5.41
21	13-2072	Loan Officers	10	\$33,617	\$45,087	5.28
22	25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	20	\$24,882	\$32,663	5.14
23	11-3011	Administrative Services Managers	15	\$24,267	\$44,207	5.05
24	11-3031	Financial Managers	10	\$28,087	\$46,086	4.91
25	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	15	\$25,005	\$37,333	4.84

The 50 "Hottest" Jobs

	SOC Code	Occupational Title	Annual Demand	Average Starting Wage	Average Annual Wage	"Hot" Factor
26	39-1011	Gaming Supervisors	10	\$28,903	\$41,094	4.78
27	21-1012	Educational, Vocational, and School Counselors	10	\$29,816	\$39,151	4.77
28	49-3023	Automotive Service Technicians and Mechanics	25	\$16,426	\$25,930	4.75
29	43-5052	Postal Service Mail Carriers	10	\$29,283	\$39,432	4.74
30	41-3021	Insurance Sales Agents	10	\$25,107	\$47,003	4.73
31	25-2022	Middle School Teachers, Except Special and Vocational Education	15	\$25,731	\$32,811	4.71
32	25-2012	Kindergarten Teachers, Except Special Education	15	\$25,563	\$31,046	4.63
33	51-4041	Machinists	15	\$24,086	\$32,720	4.59
34	29-1126	Respiratory Therapists	10	\$28,881	\$35,686	4.56
35	11-9021	Construction Managers	10	\$24,095	\$42,796	4.49
36	41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	10	\$21,783	\$46,694	4.47
37	45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	15	\$20,859	\$33,042	4.36
38	11-9051	Food Service Managers	15	\$21,118	\$30,484	4.28
39	25-2032	Vocational Education Teachers, Secondary School	10	\$25,896	\$32,641	4.22
40	43-6011	Executive Secretaries and Administrative Assistants	15	\$20,559	\$29,400	4.19
41	13-1073	Training and Development Specialists	10	\$23,792	\$35,686	4.18
42	47-2111	Electricians	10	\$24,382	\$34,375	4.17
43	25-2043	Special Education Teachers, Secondary School	10	\$25,154	\$32,434	4.15
44	23-2011	Paralegals and Legal Assistants	15	\$21,622	\$26,009	4.14
45	25-4021	Librarians	10	\$22,764	\$34,386	4.05
46	53-3031	Driver/Sales Workers	15	\$16,817	\$30,132	3.94
47	29-2034	Radiologic Technologists and Technicians	10	\$21,773	\$30,685	3.83
48	11-9141	Property, Real Estate, and Community Association Managers	10	\$22,786	\$28,556	3.82
49	29-2012	Medical and Clinical Laboratory Technicians	10	\$21,147	\$30,597	3.78
50	21-1021	Child, Family, and School Social Workers	10	\$20,561	\$26,787	3.59

Exploring Occupations Further

Although the focus of this publication is on those occupations most in demand, the LMI Department has data available on literally hundreds of other job titles. Visiting our website at http://mdes.ms.gov will open the doorway to a myriad of other information about occupational trends across the state and substate regions. In addition, the U.S. Department of Labor has developed a system for occupational exploration known as the Occupational Information Network, or O*Net for short. This system is free to all users with internet access, requires no special software and is very user friendly. It can be accessed online at http:// online.onetcenter.org. The O*Net system is an innovative tool for finding out all sorts of pertinent information about a particular occupation. Users can find a wealth of information about skills required to succeed in a particular occupation, common tasks performed, and working environments. The system utilizes the same SOC code found in this document, but it also uses keywords and partial job titles to help people select an occupational field of interest. O*Net will even provide a list of related occupations for any job title chosen, so as to expose the user to a broader range of possibilities. Used in conjunction with this publication, O*Net should become an invaluable tool for those involved in guidance counseling, or for anyone desiring to expand their knowledge of occupational information. Any questions about $\mathbf{O}^*\mathbf{Net}$ or anything else contained in this document should be directed to the LMI Department of the Mississippi Department of Employment Security.

E-mail: LMI-Info@mdes.ms.gov Phone: 601-321-6249